

#### ABSTRACT OF THE DISCLOSURE

A negative feedback amplifier which alleviates reduction in a band, and effectively protects an amplifier from electrostatic discharge (ESD). A node is provided at the midpoint of a feedback resistor connected between an output terminal and an input terminal of an amplifier. Each of ESD protective diodes is connected between the node and each power terminal. ESD threshold voltage and the band vary in accordance with the resistance of a resistor between the input terminal and the node. Setting the resistance of the resistor at 10 to 100 $\Omega$  makes it possible to secure the necessary ESD threshold voltage with hardly reducing the band.